

The listing of claims will replace all prior versions and listing of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A multi-channel induction accelerator, comprising:

an injector block;  
a drive source;  
output systems; and

a multi-channel induction acceleration block, which is made in the form of an aggregate of one-channel linear induction acceleration blocks (including those that are placed parallel with one to other), each of which is made in the form of a sequence of linearly connected acceleration sections, each of which, in turn, is made in the form of one or more magnetic inductors, enveloped by conductive screening each linearly connected acceleration section being enveloped by a separate conductive screen and at least one of the separate conductive screens being made in such a manner that it envelops at least two acceleration sections which belong to different one-channel linear induction acceleration blocks.

Claim 2 (cancelled).

Claim <sup>2</sup>/~~3~~ (original): The multi-channel induction accelerator of claim <sup>1</sup>/~~2~~, in which:  
the multi-channel induction acceleration block is composed in accordance with the design scheme of the acceleration block of the multi-channel induction linear accelerator.

Claim <sup>3</sup>/~~4~~ (original): The multi-channel induction accelerator of claim <sup>1</sup>/~~2~~, in which:  
the multi-channel induction acceleration block is configured in accordance with the design scheme of the acceleration block of the multi-channel induction undulation accelerator.